

ABSTRACT

It is intended to provide a molded article for dental use which is highly safe and free from the elution of bisphenol A with a fear of causing endocrine disruption and can fulfill the properties required in temporary crowns, denture bases, artificial teeth, orthodontic devices, etc. Namely, a molded article for dental use having a definite shape to be used in the oral cavity which is made of a copolymer polyester resin comprising a polyethylene terephthalate (PET) constitutional unit and a poly-1,4-dimethylene cyclohexane terephthalate (PCT) constitutional unit. Different from commonly employed PET, the above resin has been made amorphous by 1,4-cyclohexane dimethanol (CHDM) and therefore has a characteristic that a highly transparent molded article having excellent mechanical properties can be obtained therefrom by various molding methods (injection molding, compression molding and vacuum molding).